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SPC 2/6/03

Docket No. 23100.40
U.S. Serial No. 10/001,439

The following claims 1, 19 and 20 are amended, as indicated in the marked up version included with this response as Attachment A.

1. (Twice Amended) A dietary supplement composition for a mammal, comprising a nutritionally effective amount of β -glucan, colostrum, lactoferrin, citrus pectin and a complex of essential saccharides.

19. (Amended) The dietary supplement composition of claim 1, wherein the complex of essential saccharides comprises saccharides provided in oligomeric or polymeric forms as found in:

gum tragacanth, guar gum, grain flour, rice flour, sugar cane, beet sugar, potato, milk, agar, algin, locust bean gum, psyllium, karaya gum, seed gums, Larch tree extract, aloe vera extract, gum ghatti, starch, cellulose, degraded cellulose, fructose, high fructose corn syrup, pectin, chitin, acacia, gum arabic, alginic acid, carrageenan, dextran, xanthan gum, chondroitin sulfate, sucrose, acetylated polymannose, maltose, glucan, lentinan, mannan, levan, hemi-cellulose, inulin, fructan, and lactose.

20. (Twice Amended) A dietary supplement composition for producing in a mammal a first effect selected from the group consisting of regulation of the immune system, regulation of cytokine release, prevention of autoimmune response from intestinal pathogens, promotion of phagocytosis by neutrophils, stimulation of B cell and antibody secretion, inhibition of mast cell enzyme involved in allergic airway response, enhancement of natural killer cell activity, stimulation of muscle protein synthesis, inhibition of muscle protein breakdown, stimulation of wound healing, stimulation of tissue repair, induction of cartilage formation and bone repair, anti-inflammatory effects, enhancement of hematopoietic activity, increase in insulin-like growth factor in tissues, antidiarrheal effect on gastrointestinal tract infection,